

**bs-55211R**

**[ Primary Antibody ]**

## TAGLN2 Rabbit pAb

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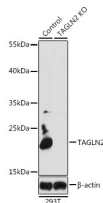
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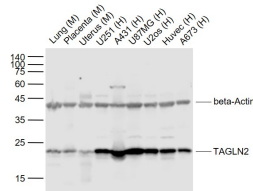
### DATASHEET

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) ICC/IF (1:100) <b>Reactivity:</b> Human, Mouse  <b>Predicted MW.:</b> 22 kDa <b>Subcellular Location:</b> Secreted ,Extracellular matrix ,Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 8407	<b>SWISS:</b> P37802	
<b>Target:</b> TAGLN2		
<b>Immunogen:</b> Recombinant human TAGLN2: 1-199/199.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.		
<b>Background:</b> The protein encoded by this gene is similar to the protein transgelin, which is one of the earliest markers of differentiated smooth muscle. The specific function of this protein has not yet been determined, although it is thought to be a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this gene.		

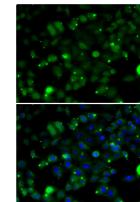
### VALIDATION IMAGES



Sample: Lane 1: 293T (Human) Cell Lysate at 25 ug  
Lane 2: TAGLN2 knockout (KO) 293T (Human) Cell Lysate at 25 ug  
Primary: Anti-TAGLN2 (bs-55211R) at 1/1000 dilution  
Secondary: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution  
Predicted band size: 18 kD  
Observed band size: 20 kD



Sample: Lane 1: Lung (Mouse) Lysate at 40 ug  
Lane 2: Placenta (Mouse) Lysate at 40 ug  
Lane 3: Uterus (Mouse) Lysate at 40 ug  
Lane 4: U251 (Human) Cell Lysate at 30 ug  
Lane 5: A431 (Human) Cell Lysate at 30 ug  
Lane 6: U87MG (Human) Cell Lysate at 30 ug  
Lane 7: U2os (Human) Cell Lysate at 30 ug  
Lane 8: Huvec (Human) Cell Lysate at 30 ug  
Lane 9: A673 (Human) Cell Lysate at 30 ug  
Primary: Anti-TAGLN2 (bs-55211R) at 1/1000 dilution  
Anti-beta-Actin (bs-0061R) at 1/2000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 18 kD  
Observed band size: 22 kD



MCF7 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (KO Validated) TAGLN2 polyclonal Antibody, Unconjugated (bs-55211R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.